State of Alaska
Department of Fish and Game
Nomination for Waters
Important to Anadromous Fish

242-31-10120 Segment 16-01 & 16-02 (Trib. 16)

AWC Volume SE (SC) SW W AR IN USGS Quad Seldovia B-4

Anadromous Water Catalog Number of Waterway 242-31-10120-2282

Name of Waterway ____________ USGS name ____ Local name ____

Addition X Deletion ____ Correction ____ Backup Information ____

For Office Use

Nomination # 94 265	[signature] Regional Supervisor — Date 1/19/94
Revision Year: '94	E Wein 12/27/93
Revision to: Atlas ____ Catalog ____ Both X	J. Arone 2/2/94
Revision Code: A-2	Drafted — Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
Pink Salmon- Adults	9-15-93	11			✓
Coho-juvenile	9-15-93		25		✓

IMPORTANT: Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as any other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Comments: Coho juveniles were located at the stream mouth. Pink salmon extended upstream to the point indicated on the sketch. No barrier was observed. Stream width is 10 meters at both the mouth and upper extent. Gradient ranges from 1.5 to 2. Good water flow. Stream substrate is cobble, gravel, boulder.

Name of Observer (please print) KATHRIN SUNDET

Date: 10/22/93 Signature: Kathrin Sundet

Address: 333 RASPBERRY
ANCHORAGE AK 99518

This certifies that in my best professional judgement and belief the above information is evidence that this waterbody should be included in or deleted from the Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes per AS 16.05.870.

Signature of Area Biologist: ____________ Rev. 7/93

DO NOT ENTER

STREAM HABITAT ASSESSMENT 1993 – STREAMS

STREAM: 242-31-10120 QUAD: Seldovia-B4 STAGE: H (M) L (Secondary)

LANDOWNER: Chenega CAC Eyak Tatitlek Pt. Graham English Bay (circle one)

DATE(s): 07/15/93 UTM ZONE: 5

GPS FILES: 309 18 or 19, → check Daily 03.

SKETCH (indicate UTM zones, if not uniform throughout the stream)

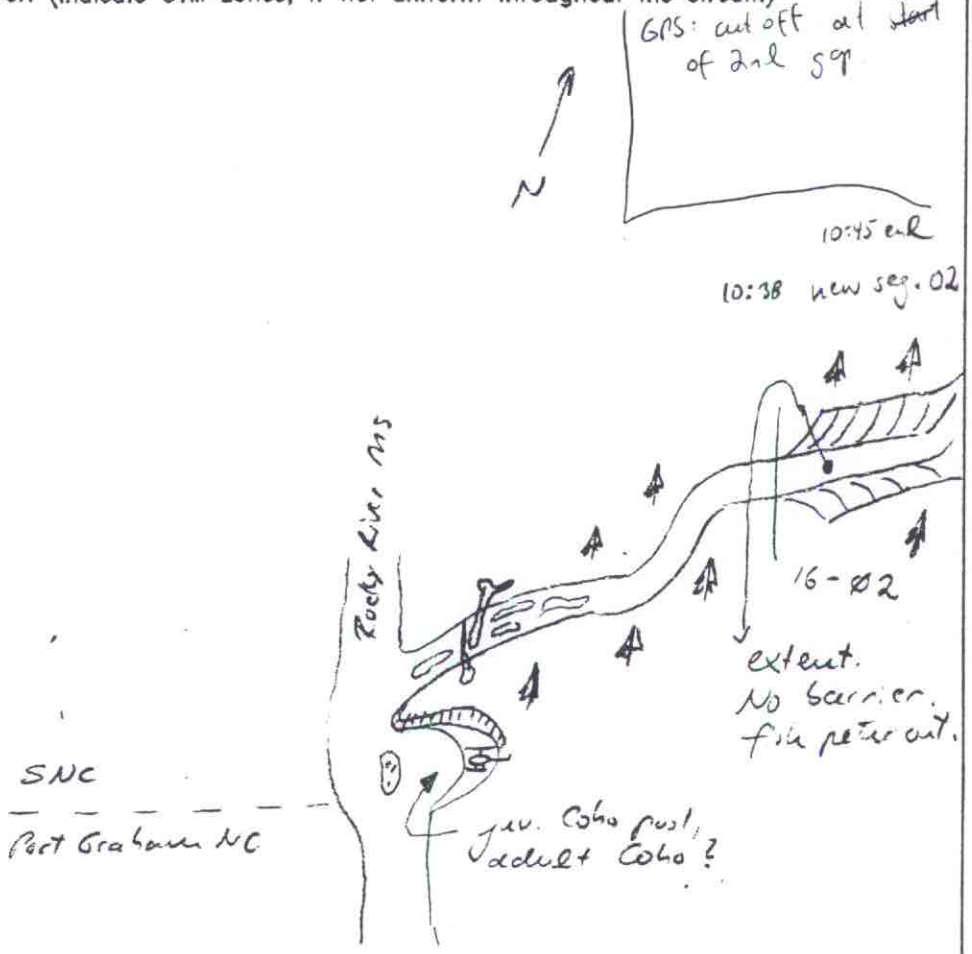


PHOTO ROLL(s): _____ VIDEO TAPE(s): _____

FRAME	DESCRIPTION	DATE	

(Please enter comments on the other side)

242-31-10120

STREAM HABITAT ASSESSMENT 1993 – SEGMENTS

STREAM: ~~Rocky River~~ -16 SEGMENT: 16-01 0-01 DATE: 9/15/93 TEAM: WG/KS

ANADROMOUS: (y) n WIDTH (m): 10-10 LENGTH (m): _____ GPS DATE: 09/__/ DIGITIZE: y n

WATERBODY: mainstem tributary lake/pond wetland intertidal other : _____

FISH					WILDLIFE		
SPECIES	STAGE (A J U)	COUNT	METHOD (E V D)	COMMENTS	SPECIES	COUNT	COMMENTS
Pinks	A	4	V	Live	Water ouzel		
Pinks	A	10	V				
Coho	J	25	V	Fry at mouth	Moose Track		tracks

GRADIENT(%): 1.5 CHANNEL PROFILE: A V B U C U D E F

CHANNEL PATTERN: (single) multi braided

STREAM SUBSTRATE: (rank three most predominant types) BEDROCK ___ BOULDER 3 RUBBLE ___ COBBLE 1 GRAVEL 2 SAND ___ MUD/SILT ___ ORGANICS ___ OTHER: _____

STREAM COVER TYPE: ORGANIC DEBRIS ___ DEAD BRANCHES/TWIGS ___ LOGS ✓ BOULDERS ✓ CUT BANK ___ OVERHANGING VEGET. ✓ OTHER: _____

STREAM COVER ABUNDANCE: none (low) medium high

RIPARIAN VEGETATION (three most abundant plants in order of dominance) within 20m of the banks:

OVERSTORY: Spruce Cottonwood _____

UNDERSTORY: Alder Devilsclub Salmonberry

CANOPY ABOVE STREAM: none (low) medium high

GROWTH: (mature) secondary shrubs meadow muskeg intertidal

TOTAL BARRIER? y (n) BARRIER TO SPECIES: _____ adults juveniles

TYPE: fall slide beaverdam logjam spring substrate HEIGHT (m): ___ DIST. FROM UPPER EXTENT (m): ___

PHOTO ROLL(s): Hamer-01 VIDEO TAPE(s): _____

FRAME	DESCRIPTION
29	looking up stream

DATE	DESCRIPTION

Substrate: Bedrock (solid) Boulder >1' Rubble 6-12" Cobble 2-6" Gravel .1-2" Sand <.1"

(Please enter comments on the other side)

Good water flow in stream. Open stream w/ Cottonwood & spruce.
Last fish observed 50M downstream from sea beach.
Coho Egg at mouth of stream +25.

16-02

STREAM HABITAT ASSESSMENT / 1993 - SEGMENTS

STREAM: Rocky River-16 SEGMENT: 0-02 DATE: 9/15/93 TEAM: WG/KS

ANADROMOUS: [y] n WIDTH (m): 10-10 LENGTH (m): ______ GPS DATE: __/__/ DIGITIZE: y n

WATERBODY: mainstem tributary lake/pond wetland intertidal other : ______

FISH					WILDLIFE		
SPECIES	STAGE (A J U)	COUNT	METHOD (E V D)	COMMENTS	SPECIES	COUNT	COMMENTS
Pink	A	1	V		Dipper	1	

GRADIENT(%): 2 CHANNEL PROFILE: A B C D E F

CHANNEL PATTERN: single multi braided

STREAM SUBSTRATE : (rank three most predominant types) BEDROCK ___ BOULDER 1 RUBBLE ___ COBBLE 2 GRAVEL 3 SAND ___ MUD/SILT ___ ORGANICS ___ OTHER: ______

STREAM COVER TYPE: ORGANIC DEBRIS ___ DEAD BRANCHES/TWIGS ___ LOGS ___ BOULDERS ✓ CUT BANK ___ OVERHANGING VEGET. ✓ OTHER: ______

STREAM COVER ABUNDANCE: none [low] medium high

RIPARIAN VEGETATION (three most abundant plants in order of dominance) within 20m of the banks:

OVERSTORY: Spruce
UNDERSTORY: Alder Salmonberry Devil's Club

CANOPY ABOVE STREAM: none [low] medium high

GROWTH: [mature] secondary shrubs meadow muskeg intertidal

TOTAL BARRIER? y [n] BARRIER TO SPECIES: ______ adults juveniles

TYPE: fall slide beaverdam logjam spring substrate HEIGHT (m): ___ DIST. FROM UPPER EXTENT (m): ___

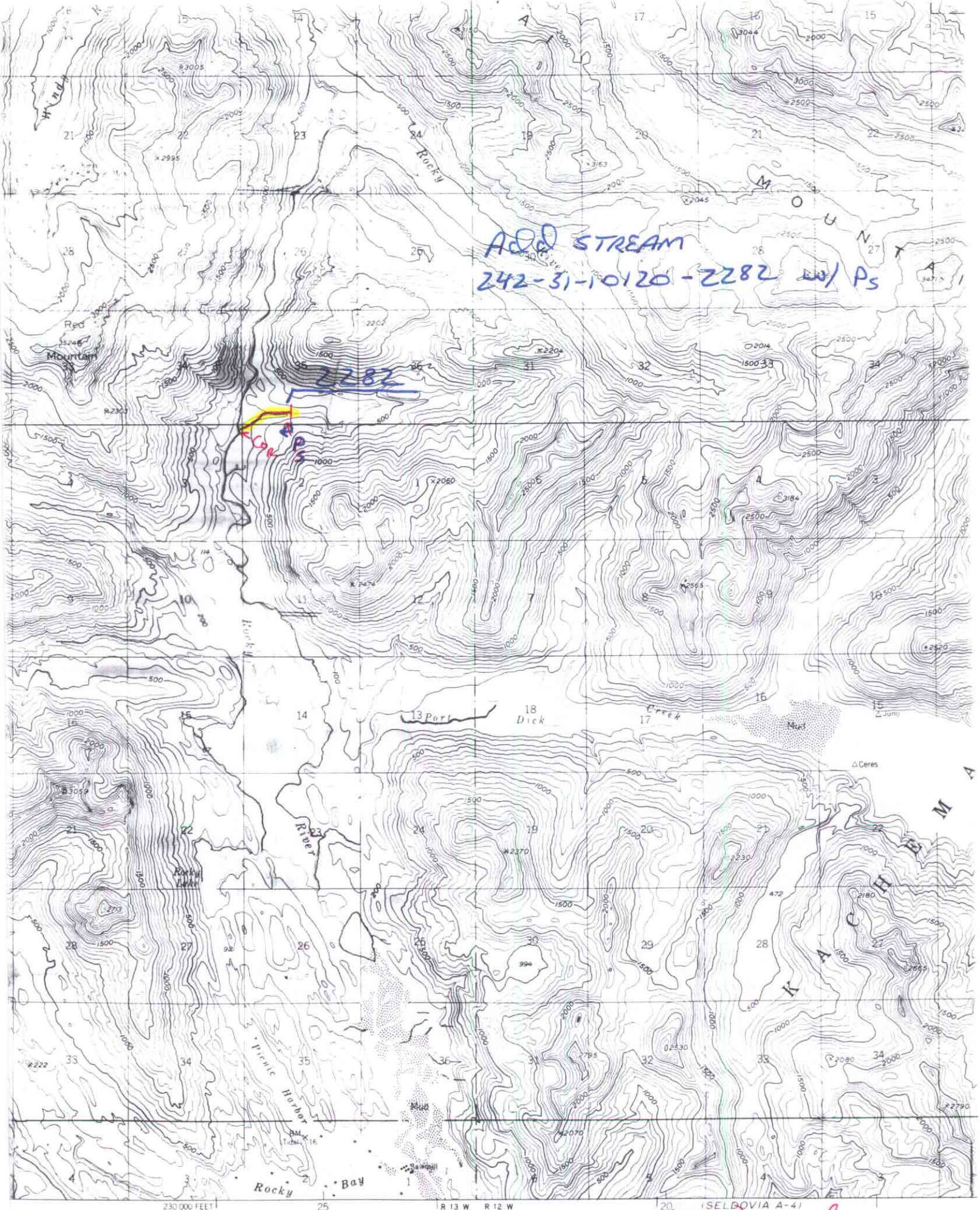
PHOTO ROLL(s): [illegible] VIDEO TAPE(s): ______

FRAME	DESCRIPTION	DATE	DESCRIPTION
30	END of Segment		

Substrate: Bedrock (solid) Boulder >1' Rubble 6-12" Cobble 2-6" Gravel .1-2" Sand <.1"

(Please enter comments on the other side)

Good water flow on stream. Stream
Continues another ¼ mile. gradient increases
slightly. Canyon walls goes into a "V" to
"U" shaped canyon.
Only one live pool was observed
up stream. no blockage was observed.



d, edited, and published by the Geological Survey
by USC&GS and USCE
aphy by photogrammetric methods from aerial photographs

242-31-10120 16-01, 16-02 (Tcib16). Ps Cor

MEMORANDUM

State of Alaska

DEPARTMENT OF FISH & GAME

TO: Ed Weiss
Habitat Biologist
Region II
Habitat and Restoration Division
Department of Fish and Game

DATE: November 3, 1993

FILE NO.:

TELEPHONE NO.: 267-2295

SUBJECT: Anadromous Stream Nominations and Corrections Project R-51

FROM: Kathrin Sundet
Habitat Biologist
Region II
Habitat and Restoration Division
Department of Fish and Game

Attached are anadromous stream nominations and corrections to be included in the Anadromous Waters Catalog for 74 streams surveyed in the fall of 1993 on private lands held by the Port Graham, English Bay and Seldovia Native Corporations on the outer Kenai Peninsula.

Streams were surveyed by the Alaska Department of Fish and Game, Habitat and Restoration Division personnel, Kathrin Sundet, Jeff Barnhart, Dan Grey, and Wes Ghormley as part of Exxon Valdez Oil Spill Restoration project R-51 aka SHA (Stream Habitat Assessment).

Streams were surveyed on foot from the intertidal zone to the upper extent of anadromous fish distribution. Adult salmon and Dolly Varden were visually identified and enumerated. Juvenile salmon were visually identified in the stream, and then captured by electroshocking, dipnet, or minnow trap to confirm identification. Sampling was conducted periodically along the stream to determine the presence of juvenile salmon. No attempt was made to determine the rearing population sizes of juvenile salmon, or to determine the total escapement of adult salmon in a stream.

Stream data are on file at the Alaska Department of Fish and Game, Habitat and Restoration office, 333 Raspberry Road, Anchorage, Alaska.

cc: Lance Trasky
Don McKay
Mark Kuwada